

silvery pollinose shading to gray on bucca and changing suddenly to brown just about the insertion of the antennae; bucca one-sixth eyeheight; orbitals six, ocellars and verticals strong; eyes bare. Thorax subshining, halteres including most of stem black. Abdomen oval, shining black with a slight satiny sheen, weakly bristled, terminal segment without jointed appendages, but with a few curved spines ventrally at apex. Wing subhyaline, fourth vein straight, its last segment $1\frac{1}{2}$ times the preceding, costal spine small, hind crossvein straight. Legs black; front tibia with no bristles except at tip; mid tibia with two on outer hind side; hind tibia with two on outer flexor, two on outer extensor, and one small at middle on extensor, which might almost be called the calcar, but is of insignificant size.

Length 4.1 mm.

Type, female, collected at Fox Point, Alaska, by Professor Trevor Kincaid, on July 28, 1899, when he was on the Harriman Alaska Expedition. Type No. 22170, U. S. N. M.

A NEW SPECIES OF BUCCULATRIX INJURIOUS TO HOLLYHOCK (LEP.).

BY AUGUST BUSCK.

Bucculatrix althaeae, new species.

Face white, in some specimens suffused with light fuscous. Tuft on head light straw-colored mixed with darker yellowish brown hairs. Eyecaps straw-colored, suffused with light brown. Antennae light ochreous with black annulations. Thorax straw-yellow with deep ocher-yellow scales laterally and in the center and with dark fuscous posterior margin. Ground color of the forewings white, strongly suffused with yellow, ochreous and blackish brown scales; four large illdefined costal patches of yellow, heavily mottled with reddish brown; one covering the base of the wing, the second at basal third, the third at apical third and the fourth just before apex; these costal patches are vaguely continued across the wing as illdefined fasciae with the white ground color showing between them as three narrow outwardly oblique costal streaks; on the middle of dorsum just within the edge is a large tuft of black-tipped raised scales. Cilia yellowish with a broken black transverse line. Hindwings and cilia dark fuscous. Abdomen yellowish fuscous with light yellow anal tuft. Legs dark brown with narrow yellow tarsal annulations.

Alar expanse 9-10 mm.

Habitat: Stanford University, California (Miss Isabel McCracken); Ventura, California (S. H. Essig).

Foodplant: Hollyhock.

Type—U. S. N. M. Cat. No. 22195.

The species is close to *B. quadrigemina* Braun, but considerably